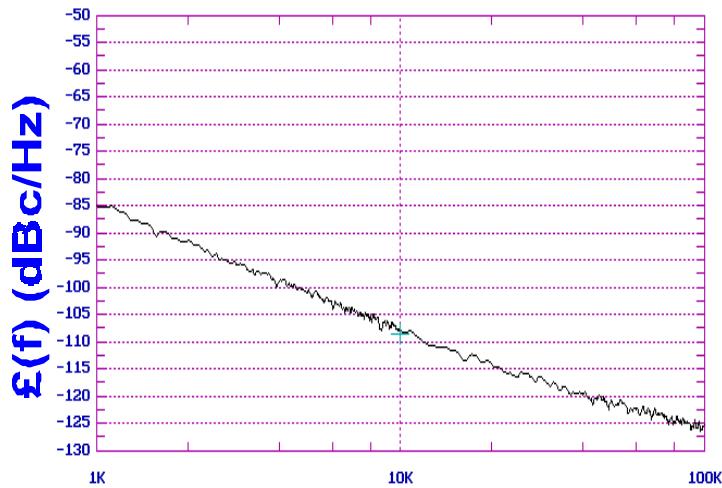


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 145-215 MHz
- Tuning Voltage: 1-9.5 Vdc
- MINI-14S - Style Package

APPLICATIONS

- RF Modems
- Earthstations
- Mobile Radios

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

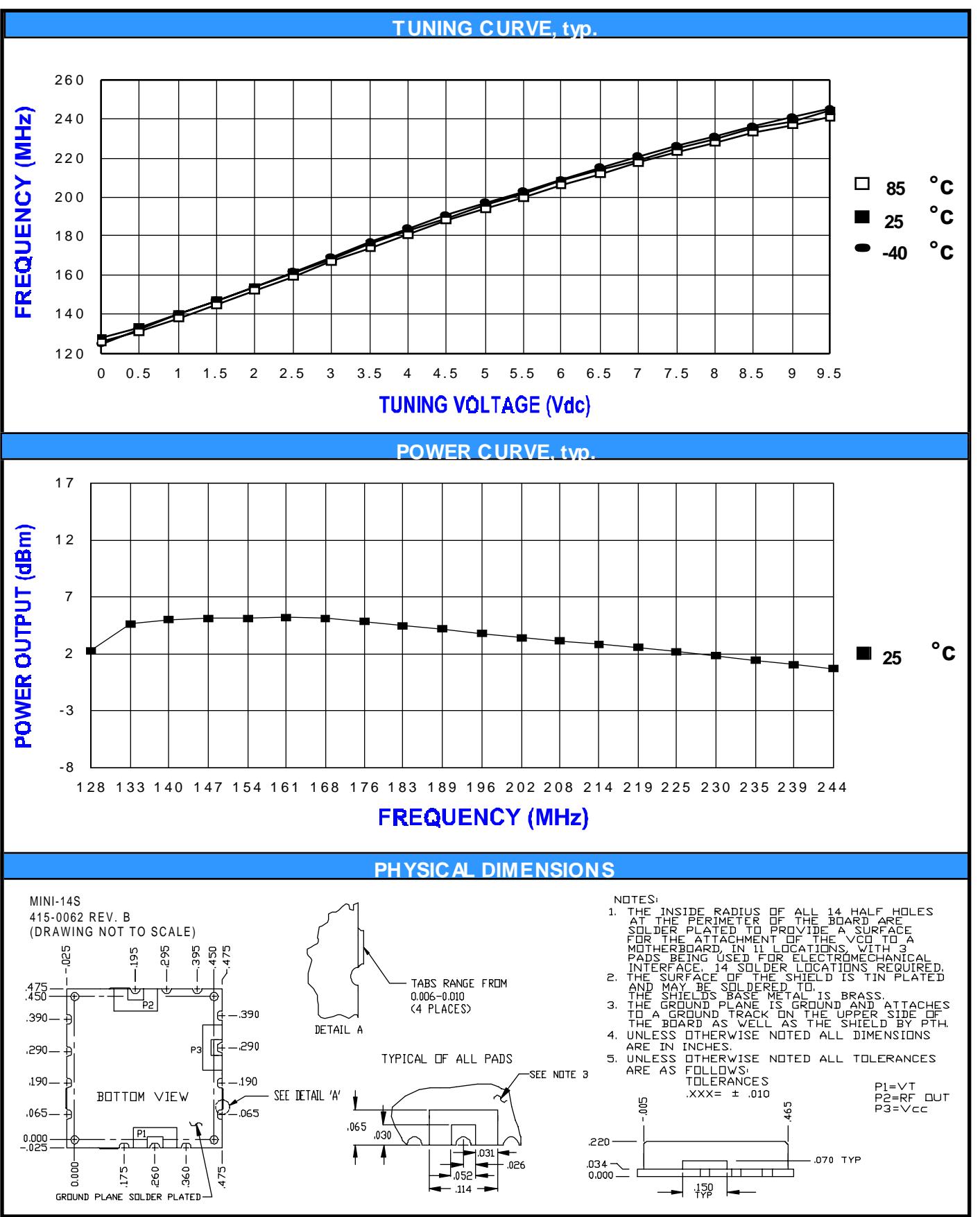
Oscillation Frequency Range	145 - 215	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-108	dBc/Hz
Harmonic Suppression (2nd, typ.)	-5	dBc
Tuning Voltage	1-9.5	Vdc
Tuning Sensitivity (avg.)	13	MHz/V
Power Output	4±4	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	100	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<2	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	20	mA

All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:



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